

Sub B2
Amt Cmt
necessary for communication with the implanted device; and

a communication lead having a first end and a second end, where the first end is communicatively coupled to the first telemetry coil and the second end adapted to be communicatively coupled to a medical device programmer.

Sub C5
15. (Once Amended) A telemetry coil for communicating with an implanted medical device, comprising: one or more loops of a conductive wire that define a predetermined outer dimension sufficient to allow communication between the first telemetry coil and the medical device [positioned at a posterior location on a torso and an implanted medical device disposed subcutaneously on an anterior location of the torso], where the predetermined outer dimension is a diameter in a range of fifteen (15) to forty-six (46) centimeters, where the one or more loops of a conductive wire wound substantially in a common plane and concentrically around a central core, where the central core includes a magnetically permeable material, and where the loops are positioned around the central core to form a substantially constant gap between adjacent loops [where the coil includes an outside diameter ranging between fifteen (15) to forty-six (46) centimeters].

Please add the following new claims:

*Sub B5
A3*
23. (New) An apparatus for communication with an implantable medical device, comprising:
a first telemetry coil, where the first telemetry coil includes a predetermined outer dimension sufficient to allow communications between the first telemetry coil and the implantable medical device where the first telemetry coil includes one or more loops of a conductive wire, where the conductive wire is wound around a core, where the core is constructed of a magnetically permeable material that enhances flux density of the apparatus, where the magnetically permeable material is made of a ferrite (iron-oxide) powder; and
a communication lead having a first end and a second end, where the first end is communicatively coupled to the first telemetry coil and the second end adapted to be communicatively coupled to a medical device programmer.

24. (New) The apparatus of claim 23, where the predetermined outer dimension is a diameter in a range of fifteen (15) to forty-six (46) centimeters.

Sub B6
A3' C6'
Conc

25. (New) The apparatus of claim 23, further comprising:

a flexible housing, where the flexible housing encases the first telemetry coil, where the flexible housing is conformable to an irregular surface.

26. (New) The apparatus of claim 25, where the flexible housing is constructed of an insulating material.

27. (New) The apparatus of claim 23, ~~including~~ a second telemetry coil, where the second telemetry coil is communicatively coupled to the first end communication lead.

28. (New) An apparatus for communication with an implantable medical device, comprising:
a first telemetry coil, where the first telemetry coil includes a predetermined outer dimension sufficient to allow communication between the first telemetry coil and the implantable medical device;

a communication lead having a first end and a second end, where the first end is communicatively coupled to the first telemetry coil and the second end adapted to be communicatively coupled to a medical device programmer; and

a second telemetry coil communicatively coupled to the first end communication lead; and
a flexible housing, wherein the first telemetry coil and the second telemetry coil are concentrically positioned in a common plane within the flexible housing.

29. (New) The apparatus of claim 28, further including a padded cover disposed over the flexible housing.